

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A reciprocating compressor, comprising:

a casing including a suction pipe, through which a fluid is introduced from the outside, and a discharge pipe, through which the fluid is discharged outside, ~~and forming that forms~~ a predetermined internal space;

a compressor main body positioned in the casing, ~~compressing that compresses~~ the fluid introduced through the suction pipe with a linear reciprocating motion of a piston and ~~discharging discharges~~ the compressed fluid through the discharge pipe; and

a supporting-unit device including a plurality of coil springs ~~connecting that connects~~ the compressor main body to the casing, wherein ~~each of~~ the plurality of coil springs includes~~[],~~ respectively~~[],~~ end coils tightly wound ~~end coils so as to be~~ fixed to one surface of the compressor main body and to one surface of the casing, respectively~~[],~~ and an inner coil having at least one part which is tightly wound and positioned between the end coils.

2. (Original) The compressor of claim 1, wherein the inner coil comprises:

a pair of elastic parts respectively wound from the end coils at predetermined pitches; and a mass part tightly wound between the pair of elastic parts.

Amdt. dated July 13, 2009

Reply to Office Action of April 24, 2009

3. (Original) The compressor of claim 2, wherein each of the elastic parts is wound at regular pitches.

4. (Currently Amended) The compressor of claim 2, wherein each of the elastic parts is wound at pitches increased as it goes that increase from the end coil toward the mass part.

5. (Currently Amended) The compressor of claim 2, wherein each of the elastic parts is wound at pitches decreased as it goes that decrease from the end coil toward the mass part.

6. (Currently Amended) The compressor of claim 2, wherein each of the elastic parts is wound at pitches increased and decreased that increase and decrease alternately between the end-eoil coils and the mass part.

7. (Currently Amended) The compressor of claim 2, wherein the a winding number of the mass part is two [[~]] to approximately four times as many as that of a winding number of at least one of the end-eoil coils.

8. (Currently Amended) The compressor of claim 1, wherein the inner coil comprises:
a pair of mass parts tightly wound right next adjacent to the end coils; and

Amdt. dated July 13, 2009

Reply to Office Action of April 24, 2009

an elastic part positioned between the pair of mass parts and wound at pre-determined pitches.

9. (Currently Amended) The compressor of claim 8, wherein the winding number of the mass part is two [[~]] to approximately four times as many as that of a winding number of at least one of the end-coil coils.

10. (Original) The compressor of claim 9, wherein the elastic part is wound at regular pitches.

11. (Currently Amended) The compressor of claim 9, wherein the elastic part is wound at pitches decreased as it goes that decrease toward a central portion of the coil spring.

12. (Currently Amended) The compressor of claim 9, wherein the elastic part is wound at pitches increased as it goes to the that decrease toward a central portion of the coil spring.

13. (Currently Amended) The compressor of claim 9, wherein the elastic part is wound at pitches increased and decreased that increase and decrease alternately.

14. (Currently Amended) The compressor of claim 1, wherein the inner coil comprises:

a first elastic part wound at predetermined pitches from the end coil which is fixed to the one surface of the compressor main body at predetermined pitches;

a second elastic part wound at predetermined pitches from the end coil which is fixed to the one surface of the casing at, wherein the predetermined pitches that are different from those of the first elastic part and the predetermined pitches of the second elastic part are different; and

a mass part tightly wound between the first and second elastic parts.

15. (Currently Amended) The compressor of claim 14, wherein the first and second elastic parts are wound respectively have at regular pitches, and wherein the two regular pitches are different from each other.

16. (Currently Amended) The compressor of claim 14, wherein the first and second elastic parts are wound at pitches increased as it goes that increase toward the mass part, and the wherein increasing ratios of the pitches of the first elastic part and the pitches of the second elastic part are different from each other.

17. (Currently Amended) The compressor of claim 14, wherein the first and second elastic parts are wound at pitches decreased as it goes that decrease toward the mass part, and the

Amdt. dated July 13, 2009

Reply to Office Action of April 24, 2009

wherein decreasing ratios of the pitches of the first elastic part and the pitches of the second elastic part are different from each other.

18. (Currently Amended) The compressor of claim 14, wherein the first and second elastic parts are wound at pitches increased and decreased that increase and decrease alternately as it goes toward the mass part, and the wherin increasing and decreasing ratios of the pitches of the first elastic part and the pitches of the second elastic part are different from each other.

19. (Currently Amended) The compressor of claim 14, wherein one of the first and second elastic parts is wound at regular pitches [,]-but and the other of the first and second elastic part parts is wound at pitches increased as it goes that increase toward the mass part.

20. (Currently Amended) The compressor of claim 14, wherein one of the first and second elastic parts is wound at regular pitches [,]-but and the other of the first and second elastic part parts is wound at pitches decreased as it goes that decrease toward the mass part.

21. (Currently Amended) The compressor of claim 14, wherein one of the first and second elastic parts is wound at regular pitches [,]-but and the other of the first and second elastic part parts is wound at pitches increased and decreased that increase and decrease alternately as it goes toward the mass part.